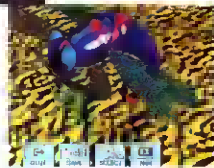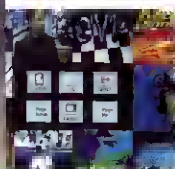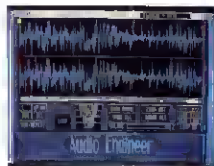# The Commodore Amiga 4000 Series

THE COMMODORE AMIGA 4000 SERIES

The Amiga 4000 is a new generation of multimedia computers courtesy of a new graphics chipset with display modes of up to 256,000 on-screen colours from a palette of 16.8 million. The Amiga brings desktop photo-realism to graphics, video, animation and presentations.

Based on the Motorola 68040 processor, the Amiga 4000 shares the multi-tasking of earlier Amigas and is available with the latest and most powerful graphics and video application software. Inter-operability with documents and graphics from other systems is supported in two ways. First, for IBM PC environments the Amiga allows easy file transfer between Amiga and MS-DOS environments which can be extended to running PC applications with an optional bridgeboard. Second, as a networked component in the Novell environment the Amiga is fully supported, both as a terminal and file server.

On-screen displays of 800 x 600 pixels or 1280 x 400 are further supported with a dedicated video slot and up to seven expansion slots for power intensive use.

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The Commodore Amiga 4000 Series Technical Specifications

Product	Amiga 4000/040
Processor/Speed	Motorola 68040 32-bit processor, 25MHz clock speed*
	Removable processor module
Memory	2Mb 32-bit chip Ram
	Up to 16Mb, 32-bit fast RAM (standard SIMM units)
	Additional Ram is supported by the Amiga's proprietary AUTOCONFIG capability
Rom	512Kb of 32-bit ROM
Disk Storage	40 Or 120Mb hard drive formatted and pre-loaded with system software and utilities
	Built-in 3.5" high density disk drive 880Kb/1.76Mb formatted capacity
	2 rear and 2 front 3.5" drive bays, 1 front 5.25" drive bay
Operating System	AmigaDOS 3.0 Multi-tasking Operating System
	Supports programmable resolution, outline fonts, localised for multiple languages/countries
	Cross DOS MS-DOS file transfer utility
Ports	1 x serial (RS232), 1 x parallel (Centronics)
	Keyboard/mouse/joystick/lightpen/tablet ports (2)
	Video (RGB analog or RGB digital). Right and left stereo audio. Internal and external floppy drive ports. Internal AT IDE port. Optional SCSI adaptor
Video Display Output	Works with RGB analog VGA or multiscan monitors (not all modes supported are with non-multiscan monitors)
	Horizontal scan rates 15KHz - 31KHz
	Vertical scan rates 50Hz - 72KHz
System Slots	CPU slot (200 pin) supports high speed memory and advanced processors
	Amiga system Bus - Four 16/32-bit Zorro III expansion slots (100 pin) with AUTOCONFIG - Also PC Bus. (3 PC AT slots)
Video Slot	Extended 24-bit video slot in line with standard 100 pin Zorro slot for easy integration of Zorro and video boards
Graphics Modes	AGA custom chip set produces resolutions ranging from 320 x 200 to 1280 x 400 (more with overscan) including 800 x 600. NTSC and PAL video resolution. Colour palette of 16.8 million colours 2 to 256,000 user-definable colours displayable on screen
Sound	Four channel stereo sound capable of reproducing complex waveforms. Built-in sound buffer up to 800Kb nominal. 8-bit D/A converters. 6-bit volume
Keyboard	Detachable, 94 keys including 10 function keys
	Separate numeric keypad and separate cursor keys (inverse "T" layout)
Mouse	Opto-mechanical 2-button design
Dimensions (W x H x D)	15" x 5" x 15.25"
Weight	Approximately 20lbs
Power Supply	135 watts

* On Amiga 4000/030 the processor Is Motorola 68030

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